



1.F.W

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S) : David A. Mantell

TITLE : COLOR VECTOR HALFTONING USING A  
SUCCESSIVE FILLING WITH IMPROVED  
COLOR REGISTRATION

APPLICATION NO. : 10/040,545 ✓

FILED : January 7, 2002

CONFIRMATION NO. : 2441

EXAMINER : GIBBS, Heather D.

ART UNIT : 2622

NOTICE REGARDING : June 1, 2006  
DRAWINGS

ATTORNEY DOCKET NO. : A1092-US-NP  
XERZ 2 00432

**NOTICE REGARDING DRAWINGS  
AND SUBMISSION OF AMENDED DRAWINGS**

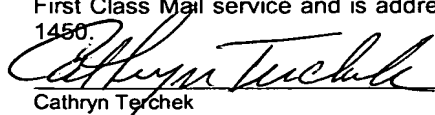
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Notice to Regarding Drawings issued June 1, 2006 on the above-captioned patent application, applicant is submitting herewith one (1) replacement sheet of amended formal drawings, including FIGURE 1. Also enclosed is the Patent Office return copy of the Notice Regarding Drawings.

**CERTIFICATE OF FIRST CLASS MAILING**

I hereby certify that this paper and/or fee is being deposited with the United States Postal Service as First Class Mail service and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Cathryn Terchek

Date: June 29 2006

An early indication of the acceptability of the formal drawings is earnestly solicited.

Please charge any additional fees which may be necessary to Deposit Account No. 24-0037.

The foregoing submissions are believed to meet the requirements of the Notice Regarding Drawings, and the applicant awaits further action on the application from the Patent and Trademark Office.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

Jun 29 2001  
Date

Patrick R. Roche  
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Repaired to file

**RECEIVED**

JUN 05 2006

FAY, SHARPE, FAGAN,  
MINNICH & MCKEE, LLP

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER <b>10/040545</b>	FILING/RECEIPT DATE <b>01/07/2002</b>	FIRST NAMES APPLICANT <b>MANTELL, DAVID A.</b>	ATTORNEY DOCKET NUMBER <b>D/A 1092 XER 2 0432</b>
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Patrick R. Roche, Esq.  
Fay, Sharpe, Fagan,  
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1100 Superior Avenue, 7th Floor  
Cleveland OH 44114-25185

Examiner  
**GIBBS, HEATHER**  
Art Unit  
**2625**

Date Mailed: 06/01/2006

## Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 01/07/2006 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review.

**RETURN CORRECTED DRAWINGS TO:**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**DOCKETED**



Form PTO-948 (Rev. 06/03)

Application No. 10/040,545

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 01/07/02 & 01/17/06 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_  
☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_  
☐ Photographs may not be mounted. 37 CFR 1.84(e)  
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_  
☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_  
☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

☐ 21.0 cm by 29.7 cm (DIN size A4) or  
☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
☐ All drawing sheets not the same size. Sheet(s) \_\_\_\_\_  
☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

☐ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
☐ Margins not acceptable. Fig(s) \_\_\_\_\_  
☐ Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_  
☐ Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1 (INCOMPLETE IMAGE)

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_  
☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_

☐ Figure legends are poor. Fig(s) \_\_\_\_\_  
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate. Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

**COMMENTS:**

Reviewer SON LAM

If you have questions, call (703) 305-8404.

305-0333 (EXT. 133)

Date 06/01/06

Attachment to Paper No. \_\_\_\_\_